



**RE: Stormwater FSP**

**Carl Stivers** to: TARNOW Karen E, Kristine Koch

01/26/2007 11:41 AM

Cc: Andy Koulermos, Amanda Shellenberger, dawn, Dennis Hanzlick, LindaSC, Ijones, Shawn Hinz, Simon Page, Valerie Oster

Karen -

Sounds good to me. As you say, it took quite a lot of rearranging already to get in all the various ideas and comments on what Section 1 should include. It also required cutting out some stuff from Section 2, which actually covered some of the issues already and became redundant.

It might be good for people to generally sound off on the need for additional rearrangement of Section 1 and its impact of Section 2. If folks agree that more work on Section 1 is needed offer what the focus of that rearrangement should be before Karen puts a lot of work into it. There were quite a few places where the last round of comments differed in terms of text that should be kept vs. deleted vs. put somewhere else and we did are best to compromise between all the suggestions. So, I could see the same thing happening again.

I just want to avoid a situation where you change it all around and someone else does not like that version for different reasons than the previous.

Thanks for the help!

Carl

Carl Stivers  
Anchor Environmental, L.L.C.  
1423 3rd Avenue, Suite 300  
Seattle, WA 98101-2226  
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Fax: 206-287-9131

cstivers@anchorenv.com

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-----Original Message-----

From: TARNOW Karen E [mailto:TARNOW.Karen@deq.state.or.us]  
Sent: Friday, January 26, 2007 10:29 AM  
To: Koch.Kristine@epamail.epa.gov; Carl Stivers  
Cc: Andy Koulermos; Amanda Shellenberger; dawn@bes.ci.portland.or.us; Dennis Hanzlick; LindaSC@BES.CI.PORTLAND.OR.US; ljones@integral-corp.com; Shawn Hinz; Simon Page; Valerie Oster  
Subject: RE: Stormwater FSP

Here's an offering that I hope will help reduce the nightmare of writing by committee - take it or leave it as you so wish.

I'm going to spend time today reworking/reorganizing Sections 1.4, 1.4.1 and 1.4.2, and will send it out to all when I am finished. In general, it seems that the info is there, but it could be communicated more clearly if it was organized differently and it would be a mess to do that in Track Changes. In case anyone else is thinking the same, I thought I'd offer it up and invite your edits if you find my version to be helpful.

Simon and Carl, I sincerely hope this eases vs complicates the process. Lord knows you have enough on your hands already!

karen

-----Original Message-----

From: Koch.Kristine@epamail.epa.gov [mailto:Koch.Kristine@epamail.epa.gov]  
Sent: Fri 1/26/2007 9:55 AM  
To: Carl Stivers  
Cc: Andy Koulermos; Amanda Shellenberger; dawn@bes.ci.portland.or.us; Dennis Hanzlick; LindaSC@BES.CI.PORTLAND.OR.US; ljones@integral-corp.com; Shawn Hinz; Simon Page; TARNOW Karen E; Valerie Oster  
Subject: Re: Stormwater FSP

Carl - EPA cannot receive \*.zip files -  
they are removed from  
our

incoming email for security purposes.  
Could you please resend?  
We can

receive quite large documents, so you  
can send the original file  
or

change the extension on the zip file to  
zap. Thanks.

Kristine Koch  
Remedial Project Manager  
USEPA, Office of Environmental Cleanup  
1200 Sixth Avenue, M/S ECL-115  
Seattle, WA 98101  
(206)553-6705  
(206)553-0124 (fax)

Carl Stivers

<cstivers@anchor  
env.com>

To

Kristine  
Koch/R10/USEPA/US@EPA,

01/25/2007 04:49

TARNOW Karen E

PM  
<TARNOW.Karen@deq.state.or.us> ,

ljones@integral-corp.com,  
Andy

Koulermos

<akoulermos@newfields.com> ,

LindaSC@BES.CI.PORTLAND.OR.US ,

dawns@bes.ci.portland.or.us

cc

Valerie Oster

<voster@anchorenv.com> ,  
Shawn

Hinz

<shinz@anchorenv.com>, Simon

Page

<spage@anchorenv.com> ,

Amanda Shellenberger

<ashellenberger@anchorenv.com> ,

Dennis Hanzlick

<dhanzlick@anchorenv.com>

Subject

Stormwater FSP

Stormwater Technical Team -

Sorry for the one day delay in getting  
the attached revised FSP  
out.

The main text is tracked in redline  
strikeout so you can see  
what

changed from previous version. It has  
been interesting trying  
to write

this with everyone out doing site  
recons.

Please review this in preparation for  
our Jan. 31 meeting.  
Please

provide any comments in writing via  
email prior to the meeting.  
Even

getting comments the night before would  
help a lot. At the  
meeting we

will go over those comments and over all

recon information to  
set final

feasible sampling locations.

We included all the previous round of  
comments to the best of  
our

ability and as discussed at our last  
meeting. Please note that  
the

Figure 2-1 map of sites is still under  
construction. We aren't  
ignoring

the City comments on this, it just that  
it is difficult to  
verify the

exact locations and basin amounts  
represented by each location  
when the

recons are still ongoing. Once we have  
had a chance to go over  
all our

most recent recon. info., we will do one  
final refinement of  
this map.

Remember again, that the map is only for  
a general spatial  
indication of

what is being sampled.

Please note that I am hoping that the  
City can bring any  
elevation and

conveyance maps that they have for any  
sites that are looking  
difficult

to do (still appears to be OF17 and  
OFM1). The City brought maps  
like

this to the last meeting, and I think  
that will help again in  
these

discussions.

I have also copied the Anchor team, some  
of whom will be at the  
meeting

to discuss the recon. info. first hand.  
Our intention is to  
only go

over sites that are proving logistically  
difficult. If we can  
get to a

site as indicated by the final table  
from the managers, I don't  
see much

need for discussing it on Wed.

Carl

Carl Stivers  
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cstivers@anchorenv.com.

-----Original Message-----

From: Koch.Kristine@epamail.epa.gov  
[mailto:Koch.Kristine@epamail.epa.gov]  
Sent: Tuesday, January 16, 2007 1:11 PM  
To: Carl Stivers  
Cc: Andy Koulermos;  
dawns@bes.ci.portland.or.us;  
LindaSC@BES.CI.PORTLAND.OR.US;  
ljones@integral-corp.com; TARNOW  
Karen E;

Valerie Oster  
Subject: Re: Stormwater FSP Working  
Schedule

I will not be able to review this and  
provide comments by  
tomorrow.

Kristine Koch  
Remedial Project Manager  
USEPA, Office of Environmental Cleanup  
1200 Sixth Avenue, M/S ECL-115  
Seattle, WA 98101  
(206)553-6705  
(206)553-0124 (fax)

Carl Stivers  
<cstivers@anchor

env.com>  
To  
TARNOW Karen E  
01/16/2007 12:49  
<TARNOW.Karen@deq.state.or.us>,  
PM  
dawns@bes.ci.portland.or.us, Andy  
Koulermos  
<akoulermos@newfields.com>,  
Kristine  
Koch/R10/USEPA/US@EPA,  
ljones@integral-corp.com,  
LindaSC@BES.CI.PORTLAND.OR.US  
cc  
Valerie Oster  
<voster@anchorenv.com>  
Subject  
Stormwater FSP Working  
Schedule

Stormwater Technical Team -

I thought I would recap Friday's  
stormwater meeting with some to  
do's

and target dates for moving forward.  
Simon and I have also had  
time to

talk a little more with the  
implementation team to flesh out  
some of

these target dates. So below are my  
thoughts (please correct or  
add as

you see fit by responding to all). Note  
that some of the items  
below

were discussed but specific dates may  
not have. I am trying to  
fit this

all together so that it still works  
within the overall schedule.

Note that I am requesting a meeting of  
the Tech. Team on Jan. 31

starting from 11 am to 4 pm to discuss  
the final FSP. Please  
let me

know if you cannot make this date.

\*

Comments on draft FSP main  
text from Tech. Team to  
Anchor

by Jan. 17 (ignore appendices for this  
version)

\*

City will continue their  
recon of City stations and  
get

back to Anchor as soon as possible with  
any contingency or  
alternate

site suggestions (target date Jan. 19).

\*

Anchor will review City  
recon information and set  
time in

week of Jan 22 to field review sites as  
needed with City staff  
shortly

after the info. is provided.

\*

Anchor will recon  
additional LWG sites tomorrow  
Jan. 17

[this was just cancelled and will be  
rescheduled for week of  
Jan. 22]

\*

Anchor will recon. non-LWG  
member sites week of Jan  
22

(along with City sites)

\*

Anchor will revise FSP  
based on Jan. 17 comments  
and

fleshout Appendices for second round of  
review (target date Jan.  
24)

\*

Implementation team will  
meet with Tech Team on  
Jan. 31 to

take final FSP comments (provide in  
writing prior to meeting)  
and go

over all recon information to set final  
feasible sampling sites.



\*  
Anchor will make final  
revisions to FSP by Feb. 5  
\*

FSP will be submitted on  
Feb. 5 for simultaneous  
review and  
approval to LWG Exec. and agency  
management team. Requesting  
approval  
by Feb. 9

This sequence of events gives us  
approval just prior to our  
expected  
best case delivery of the first batch of  
ISCO samplers for  
deployment  
the next week. Sediment traps will also  
be fabricated by that  
time.

Finally, I agreed that I would send  
around an example paragraph  
of the  
question I have regarding the priority  
issues for sampling  
outfalls OF17  
and OF19 (and this question may also  
extend to OF-M1), where  
potential  
river back up may be an issue for  
sampling near the actual  
outfall. I  
am working on that.

Thanks to all.

Carl

---

From: TARNOW Karen E [  
mailto:TARNOW.Karen@deq.state.or.us]  
Sent: Tue 1/16/2007 11:04 AM  
To: dawn@bes.ci.portland.or.us; Andy  
Koulermos; Carl Stivers;  
Koch.Kristine@epamail.epa.gov;  
ljones@integral-corp.com;  
LindaSC@BES.CI.PORTLAND.OR.US; HOPE  
Bruce  
Cc: Valerie Oster  
Subject: CANCELLED: Jan 16 Tech Team mtg  
re: modeling

Oh the weather outside is frightful....

It's not a good day for our colleagues  
up north to venture down  
to

Portland, and I don't think it will be  
very effective to have  
the

conversation over the phone. Besides,  
it sounds like most folks  
are

happy to have time to deal with other  
pressing matters!

So let's reschedule. Let me know how  
these dates/times work for  
you.

Thanks

Feb 5th, PM  
Feb 8th, AM or PM  
Feb 14th, AM or PM  
Feb 15th, AM or PM

Thanks!  
Karen

-----Original Message-----

From: TARNOW Karen E

Sent: Wednesday, January 10, 2007 4:50

PM

To: [dawns@bes.ci.portland.or.us](mailto:dawns@bes.ci.portland.or.us); Andy  
Koulermos; Carl Stivers;  
[Koch.Kristine@epamail.epa.gov](mailto:Koch.Kristine@epamail.epa.gov);  
[ljones@integral-corp.com](mailto:ljones@integral-corp.com);  
[LindaSC@BES.CI.PORTLAND.OR.US](mailto:LindaSC@BES.CI.PORTLAND.OR.US); HOPE

Bruce

Cc: Valerie Oster  
Subject: Jan 16 Tech Team mtg re:

modeling

We're schedule to meet at 1:30 on  
Tuesday, Jan 18 at the DEQ  
office at

2020 SW 4th St (4th Floor). I'm not  
aware that anyone is  
calling in -

so let me know if that's wrong.

Here's a proposed agenda. Send a Reply  
to All if you have  
additions or  
refinements to suggest.

AGENDA

1:30 - 2:00 Recent Changes to  
Stormwater Model

Bruce will describe changes he made to the stormwater model to more

accurately represent the river's flow velocity and how these changes

appear to affect the outcome (i.e., stormwater impact to the river).

2:00 - 2:30 Review/Revise Modeling Workplan

The attached document was generated last August. We'll review it to

determine whether it still meets our needs.

2:30 - 4:00 Stormwater Model Data Needs  
We need to figure out how we convert stormwater loading data into data

Bruce can be use as input for the model. [I imagine we'd want to

approach this in the same way regardless of whether we are using the

data for the stormwater model or the "hybrid" model.]

\*\*\*\*\* ATTACHMENT NOT  
DELIVERED

\*\*\*\*\*

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This attached computer program could contain a computer virus which

could cause harm to EPA's computers, network, and data. The attachment has been deleted.

This was done to limit the distribution of computer viruses introduced

into the EPA network. We are deleting all computer program

attachments  
sent from the Internet into the agency  
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If the message sender is known and the  
attachment was  
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should contact the sender and request  
that they rename the file  
name

extension and resend the E-Mail with the  
renamed attachment.

After

receiving the revised E-Mail, containing  
the renamed attachment,  
you can

rename the file extension to its correct  
name.

For further information, please contact  
the EPA Call Center at  
(866) 411-4EPA (4372). The TDD number is  
(866) 489-4900.

\*\*\*\*\* ATTACHMENT NOT  
DELIVERED \*\*\*\*\*

[ Attachment Stormwater FSP.zip removed  
]